

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: NAKAGAWA Examiner: Unknown  
Serial No.: Unknown Group Art Unit: Unknown  
Filed: Concurrent herewith Docket: 14434.0102USWO  
Title: METHOD OF MANUFACTURING CONDUCTIVE PATTERN AND  
ELECTRONIC DEVICE, AND ELECTRONIC DEVICE

**CERTIFICATE OF TRANSMISSION**

I hereby certify that the papers listed below are being transmitted by EFS Web to: Mail Stop PCT, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on SEPTEMBER 20, 2006.

By 

Name: NICOLE LANDREE

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

With regard to the above-identified application, the items of information listed on the enclosed Form 1449 are brought to the attention of the Examiner. Copies of any foreign patent documents or "Other Documents" are enclosed.

In accordance with the provisions of 37 C.F.R. §1.97, this statement is being filed (CHECK ONE):

- ☒ (1) within three (3) months of the Filing Date, before the mailing date of a First Office Action on the merits, or before the mailing date of a First Office Action on the merits after the filing of a request for continued examination under 37 C.F.R. §1.114; or
- ☐ (2) after the period defined in (1) but before the mailing date of a Final Rejection or Notice of Allowance, and
- ☐ the requisite Statement is below, OR
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein, or
- ☐ (3) after the mailing date of a Final Rejection or Notice of Allowance but on or before the payment of the Issue Fee, AND

- ☐ the requisite Statement is below, AND
- ☐ the requisite fee of \$180.00 under Rule 1.17(p) is included herein.

#### STATEMENT

As required under §1.97(c), Applicants hereby state either that:

- ☐ 1. Each item of information contained in the Information Disclosure Statement was first cited in a communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing date of the Information Disclosure Statement; or
- ☐ 2. No item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the person signing this Statement after making reasonable inquiry, no item of information contained in the Information Disclosure Statement was known to any individual designated in §1.56(c) more than three months prior to the filing of the Information Disclosure Statement.
- ☐ If this box is checked, Applicant provides the following:

#### Certification Under 37 C.F.R. §1.704(d)

In accordance with 37 C.F.R. §1.704(d), the undersigned hereby certifies that each item listed on the enclosed Form 1449 was first cited in a communication from a foreign patent office in a counterpart application, and that this communication was not received by any individual designated in 37 C.F.R. §1.56(c) more than thirty (30) days prior to the filing of this Information Disclosure Statement.

- ☐ The Examiner is hereby advised of the following co-pending U.S. applications. A copy of each U.S. patent application publication (if published) or application (if not published) is enclosed.

Application No.

Filing Date

Group

No representation is made that a reference is "prior art" within the meaning of 35 U.S.C. §§ 102 and 103 and Applicants reserve the right, pursuant to 37 C.F.R. § 1.131 or otherwise, to establish that the reference(s) are not "prior art." Moreover, Applicants do not represent that a reference has been thoroughly reviewed or that any relevance of any portion of a reference is intended.

Consideration of the items listed is respectfully requested. Pursuant to the provisions of M.P.E.P. 609, it is requested that the Examiner return a copy of the attached Form 1449, marked as being considered and initialed by the Examiner, to the undersigned with the next official communication.

**FEE AUTHORIZATION**


Should any fee associated with the submission of this paper not be attached hereto as a check, the Commissioner is authorized to charge the missing fee to our Deposit Account, No. 50-3478. Any overpayments should be credited to said Deposit Account.

Respectfully submitted,

HAMRE, SCHUMANN, MUELLER &  
LARSON, P.C.

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Dated: September 20, 2006

By:   
Douglas P. Mueller  
Reg. No. 30,300

DPM:nel

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	Docket Number: 14434.162USWO	Application Number: UNKNOWN
	Applicant: NAKAGAWA	
	Filing Date: CONCURRENT HEREWITH	Group Art Unit: UNKNOWN

U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,509,100	1.21.2003				
	3,773,826	11.20.1973				
	6,379,569	4.30.2002				
	6,734,029	5.11.2004				
	2004/0147066	7.29.2004				
	2004/0147113	7.29.2004				

FOREIGN PATENT DOCUMENTS							
	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	2002-299833	2002.10.11	JP			ABSTRACT	
	2002-324966	2002.11.08	JP			ABSTRACT	
	10-204350	1998.08.04	JP			ABSTRACT	
	2002-134878	2002.05.10	JP			ABSTRACT	
	2000-155429	2000.06.06	JP			ABSTRACT	
	2000-340928	2000.12.08	JP			ABSTRACT	
	2003-149831	2003.5.21	JP			ABSTRACT	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
		Kumar et al., Features of gold having micrometer to centimeter dimensions..., Appl. Phys. Lett. 63 (14), October 4, 1993, pp. 2002-2004 *
		Rogers et al., Printing, molding, and near-field photolithographic method..., Synthetic Metals 115, 2000, pp. 5-11 *
		Whitesides et al., Wet chemical approaches to the characterization of Organic Surfaces..., Langmuir, 6, 1990, pp. 87-96 *
		Porter et al., Spontaneously organized molecular assemblies..., J. Am. Chem. Soc. 109, 1987, pp. 3559-3568 *

EXAMINER	DATE CONSIDERED
EXAMINER Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	

<b>FORM 1449*</b> <b>INFORMATION DISCLOSURE STATEMENT</b>  <b>IN AN APPLICATION</b>  (Use several sheets if necessary)	<b>Docket Number:</b> 14434.102USWO	<b>Application Number:</b> UNKNOWN
	<b>Applicant:</b> NAKAGAWA	
	<b>Filing Date:</b> CONCURRENT HEREWITH	<b>Group Art Unit:</b> UNKNOWN

		Naud et al., Synthesis of terminally perfluorinated long-chain alkanethiols..., Journal of Fluorine Chemistry 104, 2000, pp. 173-183 *
		Graupe et al., Terminally perfluorinated long-chain alkanethiols, Journal of Fluorine Chemistry 93, 1999, pp. 107-115 *

**53148**

PATENT TRADEMARK OFFICE

<b>EXAMINER</b>	<b>DATE CONSIDERED</b>
<b>EXAMINER:</b> Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form for next communication to the Applicant.	